

# GIS Users Meeting

Agenda: May 2, 2019

Location: Constitution Hall, 525 W Allegan, Lansing  
Conference Room ConCon A – south lower level

Conference line: **248-509-0316 access code 39246722#** – begins at 10:00 AM

Skype video connection: Contact Ulrika Zay at [zayu@michigan.gov](mailto:zayu@michigan.gov) for connection information

Timeline:

9:30 – 10:00 Networking (Coffee, bagels, muffins provided)

10:00 – 12:00 Morning Session – Conference Room ConCon A

- I - Introductions and Approval of Meeting Minutes
- II - Federal, State, and Association Updates (5 minutes each)
- III - Local, Regional, Vendor Partners, Other Updates (2 minutes each)
- IV - Special Topic
- V - Other Items, and Conclusion

12:00 – 1:30 Lunch on your own.

1:30 – 3:30 Educational Session.

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Morning session Special Topic: **City of Lansing, Current GIS applications and projects**

City of Lansing will be presenting an overview of GIS applications and projects affecting their business practice. The presentation will provide a brief history of GIS at the City of Lansing and how they are currently incorporating GIS within city departments. Projects will include data analytics, cemeteries, and asset management (Cityworks).

Presented by: **Emily St Clair, Andrew Skelton, Sam Quon**, City of Lansing GIS

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Afternoon Educational Topic #1a: **Michigan Department of Transportation (MDOT) Online GIS**

An overview of MDOT's Online GIS environment including ArcGIS Online and ArcGIS Enterprise. Some main topics include how MDOT uses these environments to increase communication on GIS efforts such as our Open Data Portal, Public Facing Maps page and our GIS News Page. In addition, see some of the most recent publicly available apps such as Bridge Conditions & Billboards!

Presented by: **Joe Thicke**, Michigan Department of Transportation

Afternoon Educational Topic #1b: **MDOT's Roads and Highways Implementation: A Journey**

After 17 years of using an in-house oracle based LRS (Linear Referencing System) solution, MDOT made the decision to utilize Esri's Roads and Highways to modernize MDOT's three linear referencing systems and most of the core business data that relies on this referencing. Implementation of roads and highways was challenging for MDOT, and this presentation will outline what roads and highways is, how MDOT overcame the challenges and successfully implemented the solution, and some of the lessons we learned along the way.

Presented by: **Michael Reynolds**, Michigan Department of Transportation

Afternoon Educational Topic #2: **Planet Labs**

Planet Labs is an integrated aerospace and data analytics company that operates history's largest commercial fleet of more than 150 satellites, collecting daily high-resolution imagery of Earth's entire landmass. Planet is driven by a mission to image all of Earth's landmass every day, and make global change visible, accessible and actionable. Come and learn how Planet Labs is working with State and Local agencies Like Humboldt County, The State of Iowa Homeland Security, The State of California Department of Forestry as well as Universities like Michigan Tech and Michigan State to help them:

1. Monitor illegal Marijuana Growth
2. Respond quickly to national disasters
3. Manage forestry depletion and impact to wildlife
4. Power research projects and empower students pursuing a career in Space Technology.
5. Evaluate other civil government use cases where daily imagery could be impactful.

Presented by: **Michael Cox**, Planet Labs Account Executive